

## Joseph J. Walding *MSci.(Hons) ARCS*

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EDUCATION	<b>Imperial College London</b> , London, UK  Ph.D, Expected Completion Date: January 2010 <ul style="list-style-type: none"><li>• Thesis Title: “A sub-GeV Charged-Current Quasi-Elastic <math>\nu_\mu</math> cross-section Measurement on carbon at SciBooNE”</li><li>• Supervisor: Dr. Morgan Wascko</li></ul> <b>Imperial College London</b> , London, UK  M.Sci. Physics, June, 2005 <ul style="list-style-type: none"><li>• 1st Class Hons.</li></ul>	
EXPERIENCE	<b>Imperial College London</b> , London, UK  <i>Ph.D Student</i> <span style="float: right;"><b>September 2005 - Present</b></span> Under supervision of Dr. M. Wascko  <i>1<sup>st</sup> Year Physics Undergraduate Project Supervisor</i> <span style="float: right;"><b>May - June 2009</b></span> Design and supervise a C++ based 6 week summer project for three undergraduate physics students  <i>UROP Summer Placement</i> <span style="float: right;"><b>June - September 2004</b></span> Undergraduate Research Opportunities Program Summer project for MICE Collaboration under supervision of Prof. K. Long	
PUBLICATIONS	K. Hiraide <i>et al.</i> [SciBooNE Collaboration], “Search for Charged Current Coherent Pion Production on Carbon in a Few-GeV Neutrino Beam,” Phys. Rev. D <b>78</b> (2008) 112004 [arXiv:0811.0369 [hep-ex]].  Y. Kurimoto <i>et al.</i> [SciBooNE Collaboration], “Measurement of Inclusive Neutral Current Neutral Pion Production on Carbon in a Few-GeV Neutrino Beam,” [arXiv:0910.5768 [hep-ex]].	
CONFERENCE PROCEEDINGS	J. Walding “The Muon Range Detector at SciBooNE (Poster)” <b>NuInt ’07</b> , AIP Conf.Proc.967:289-291, 2007.  J. Walding “Measurement of the muon-neutrino charged-current quasi-elastic cross-section in the SciBooNE experiment” <b>NuInt ’09</b> , [arXiv:0909.5647 [hep-ex]].	
PUBLIC TALKS	“ $\nu_\mu$ CCQE Cross-Section Measurement for SciBooNE” <b>NuInt ’09</b> , Sixth International Workshop on Neutrino-Nucleus Interactions in the Few-GeV Region. Sitges, Spain. On behalf of the SciBooNE Collaboration. May 2009	

“The SciBooNE Experiment and a Charged-Current Analysis Overview”  
**New Perspectives Conference 2008**, Fermilab, USA. On behalf of the SciBooNE  
Collaboration. June 2008

“SciBooNE: Motivation, Construction and Preliminary CCQE Analysis”  
**IOP HEPP 2008**, Annual conference of the High Energy Particle Physics group of the  
Institute of Physics. Lancaster University, Lancaster, UK. On behalf of the SciBooNE  
Collaboration. March 2008.